



TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF WATER SUPPLY

INTERIM ENHANCED SURFACE WATER TREATMENT RULE
FILTER PERFORMANCE REPORT ⁽¹⁾

PUBLIC WATER SYSTEM NAME AND ADDRESS

PWSID #		ENTRY POINT	SAMPLE PERIOD		END DATE	TOTAL HOURS PLANT OPERATED THIS MONTH	LABORATORY ID
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REPORTABLE SAMPLES ⁽²⁾		NUMBER OF FINISHED WATER SAMPLES LESS THAN OR EQUAL TO APPLICABLE STANDARD ⁽³⁾	PERCENT OF FINISHED WATER SAMPLES LESS THAN OR EQUAL TO APPLICABLE STANDARD		NUMBER OF FINISHED WATER SAMPLES EXCEEDING APPLICABLE STANDARD ⁽⁴⁾ (LIST DATES ON BACK)	HIGHEST FINISHED WATER TURBIDITY THIS MONTH	
REQUIRED	TAKEN						
<input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> 1		<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> 2	

Notes:

- (1) This form applies to filtration systems utilizing either a surface water supply or a source that has been designated groundwater under the direct influence of surface water.
(2) System utilizing cartridge filtration must at a minimum, measure turbidity once per day while treating water. Systems required to measure and record finished water turbidity every 4 hours that the plant is in operation, shall report the highest value measured during each 4-hour period. Systems utilizing continuous monitoring turbidimeters shall report the highest recorded value for every 4 hour period.
(3) NTU standards vary depending on the type of filtration treatment provided. Use the applicable standard for calculation.
(4) List on the back of the form the dates when a sample exceeded the applicable NTU standard, and the date the state was notified of the exceedance.

Did this facility meet the CT requirements for each day it was in operation? Y or N

A. FOR ALL FILTERS AT THIS FACILITY

1. Was turbidity monitored continuously and the results recorded for each filter effluent line? Y or N

2. If the answer to question number 1 is no, was grab sampling conducted for every 4 hours the continuous monitor was out of service? Y or N

3. If the answer to question number 2 is yes, was grab sampling conducted for more than 5 consecutive days on any individual filter? Y or N

B. FOR ANY FILTER AT THIS FACILITY ⁽⁵⁾

Were any 2 consecutive filter effluent measurements taken 15 minutes apart:

1. Greater than 0.5 NTU after the first 4 hours of operation?
2. Greater than 1.0 NTU?
3. Greater than 1.0 NTU in each of 3 consecutive months?
4. Greater than 2.0 NTU in two consecutive months?

Y or N Filter Numbers (maximum of four filters)

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Note:

- (5) If this facility answered "Yes" to any of the four questions listed in Section B. above, then the system must submit a "Monthly Turbidity Exceedance Report" (CN-1196) for the individual filter that met at least one of the conditions listed.

I CERTIFY THAT THE INFORMATION LISTED ON THIS FORM ACCURATELY CORRESPONDS TO THE OPERATION OF THIS FACILITY FOR THE REPORTING PERIOD SPECIFIED HEREIN.

PREPARED BY: _____ DATE: _____ PHONE: () _____ APPROVED BY: _____ DATE: _____ PHONE: () _____

Date Finished Water Sample Exceeded Applicable Standard	Date State Notified of Finished Water Sample Exceeding Applicable Standard	Date Finished Water Sample Exceeded Applicable Standard	Date State Notified of Finished Water Sample Exceeding Applicable Standard
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<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
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<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

INSTRUCTIONS

FIELD NAME

PWSID

Entry Point

Sample Period Start Date

Sample Period End Date

Total Hours Plant Operated
This Month

Laboratory ID Number

Reportable Samples Required

Reportable Samples Taken

Number of Samples Less Than
or Equal to Applicable Standard

Percent of Samples Less Than
or Equal to Applicable Standard

Number of Samples Exceeding
Applicable Standard

Highest Finished Water Turbidity
This Month

Did this facility meet the Contact
Time (CT) requirements for each day
it was in operation?

DESCRIPTION

Enter the seven-digit public water system identification number for your water system.

Enter the entry point code that has been assigned by the state for this source.

Enter the starting date of the sampling period. Enter as month-day-year. Example: July 1, 2001, would be entered as 070101

Enter the ending date of the sampling period. Enter as month-day-year. Example: July 31, 2001, would be entered as 073101

Enter the total number of hours the plant filtered water during the month reported.

Enter the five-digit laboratory ID number assigned to the lab that analyzed the turbidity samples.

Enter the number of reportable turbidity samples required to be taken during this sampling period.

Enter the number of reportable turbidity samples taken during this sampling period.

Enter the number of reportable samples less than or equal to the applicable turbidity standard for this treatment facility.

Enter the percentage of reportable samples less than or equal to the applicable turbidity standard for this treatment facility. Example: 200 reportable samples taken, 180 samples less than or equal to applicable standard, calculate percentage by: $180/200 \times 100\% = 90.0\%$.

Enter the number of samples exceeding the highest applicable turbidity standard for this treatment facility.

Enter the highest finished water turbidity value measured during this sampling period.

Enter "Y" for Yes or "N" for No.

For All Filters at This Facility

Continuous Monitoring

Was the turbidity of all filters at this facility monitored continuously and the results recorded?
Enter "Y" for Yes or "N" for No.

Grab Sampling

Was grab sampling conducted every 4 hours the continuous monitor was out of service?
Enter "Y" for Yes or "N" for No.

Grab Sampling for Individual Filter

Was grab sampling performed for more than 5 consecutive days on any individual filter?
Enter "Y" for Yes or "N" for No.

For Any Filter at This Facility, were any 2 consecutive turbidity measurements taken 15 minutes apart?

Greater than 0.5 NTU after the first 4
hours of operation

Enter "Y" for Yes or "N" for No, and enter Filter numbers to the right.

Greater than 1.0 NTU after the first 4
hours of operation

Enter "Y" for Yes or "N" for No, and enter Filter numbers to the right.

Greater than 1.0 NTU in each
of 3 consecutive months

Enter "Y" for Yes or "N" for No, and enter Filter numbers to the right.

Greater than 2.0 NTU in two
consecutive months

Enter "Y" for Yes or "N" for No, and enter Filter numbers to the right.